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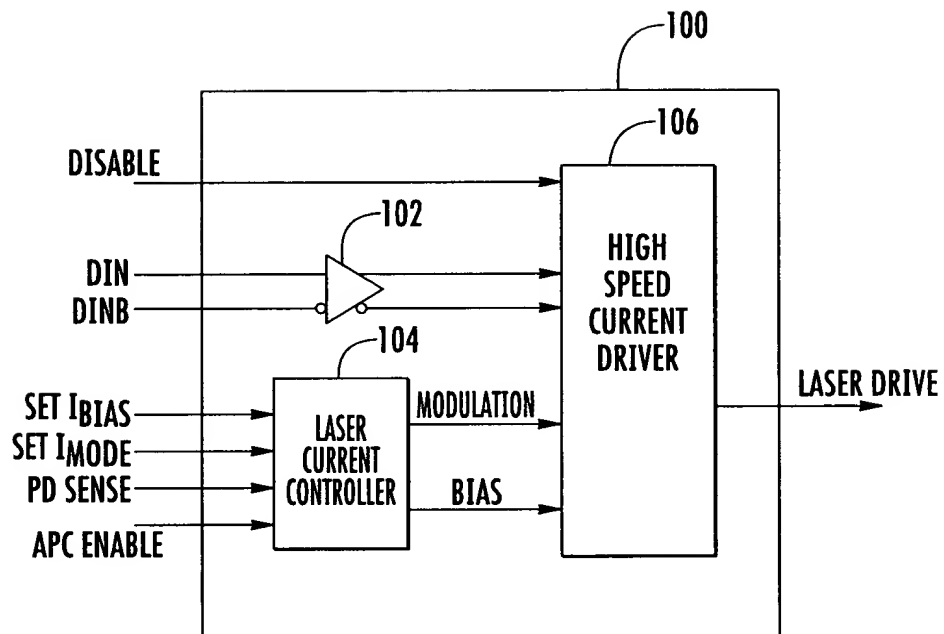


FIG. 1

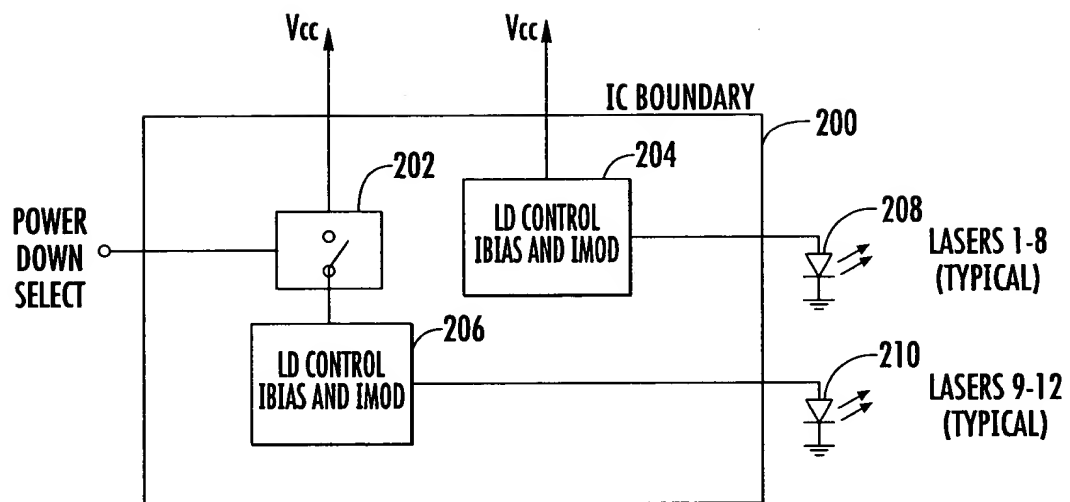


FIG. 2

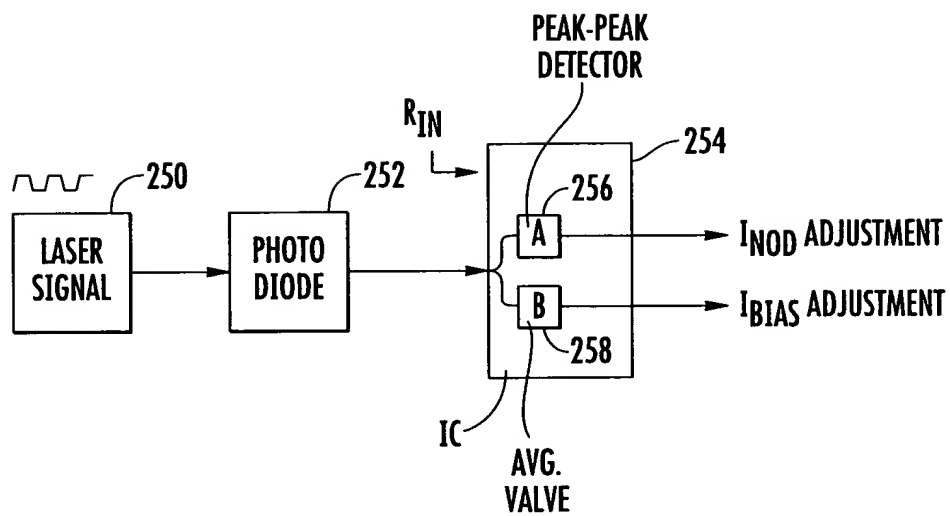
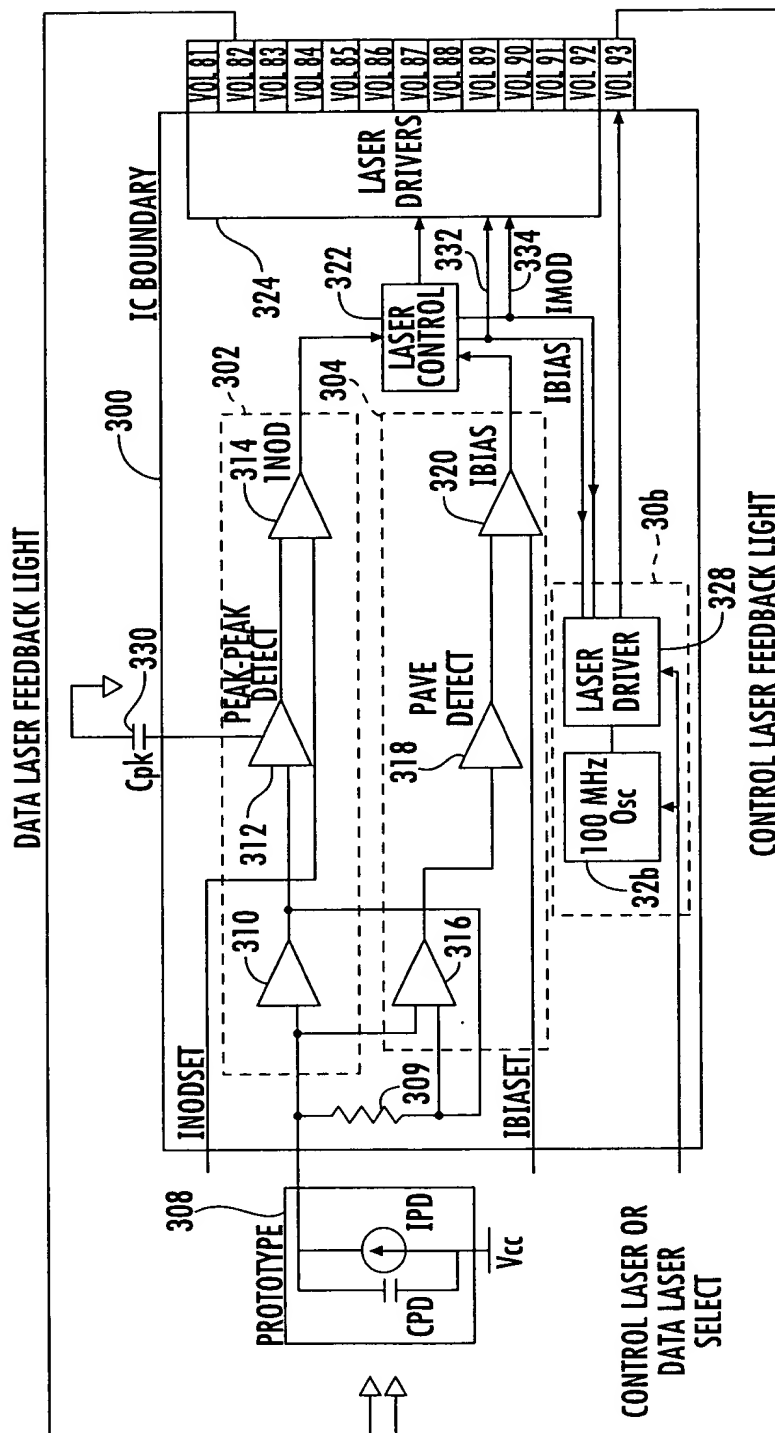


FIG. 3



OPTION 1: EXTRA LASER, USE OF CONTROL LASER FOR FEEDBACK

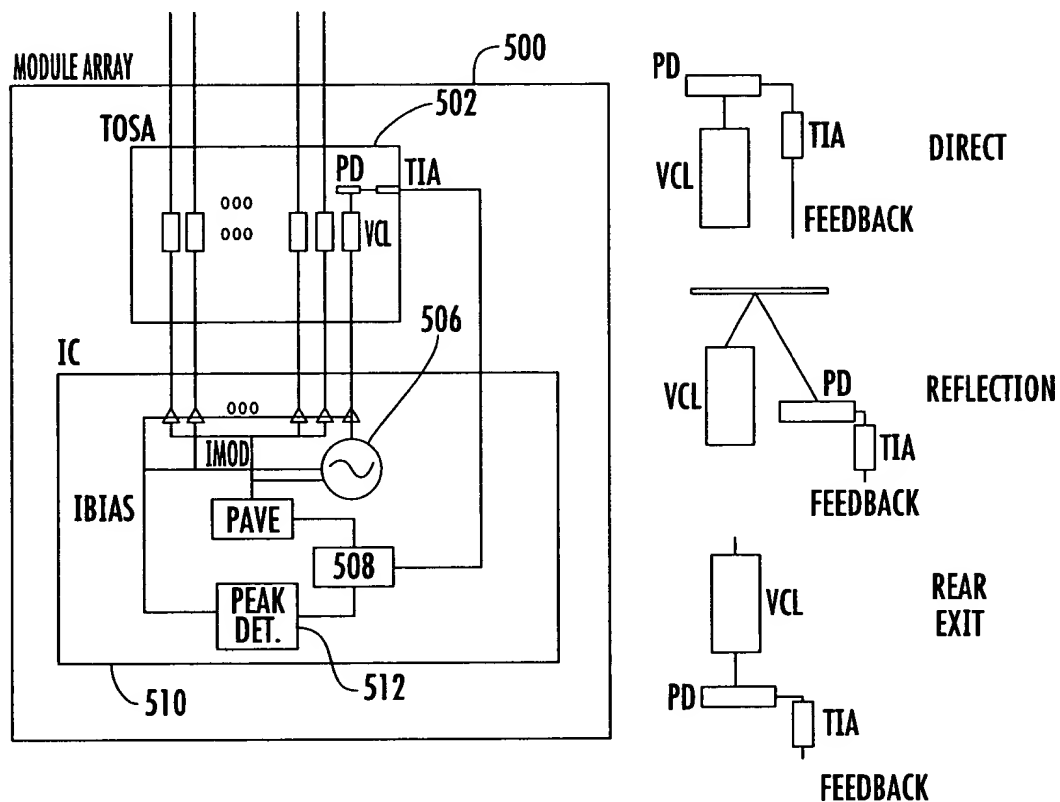
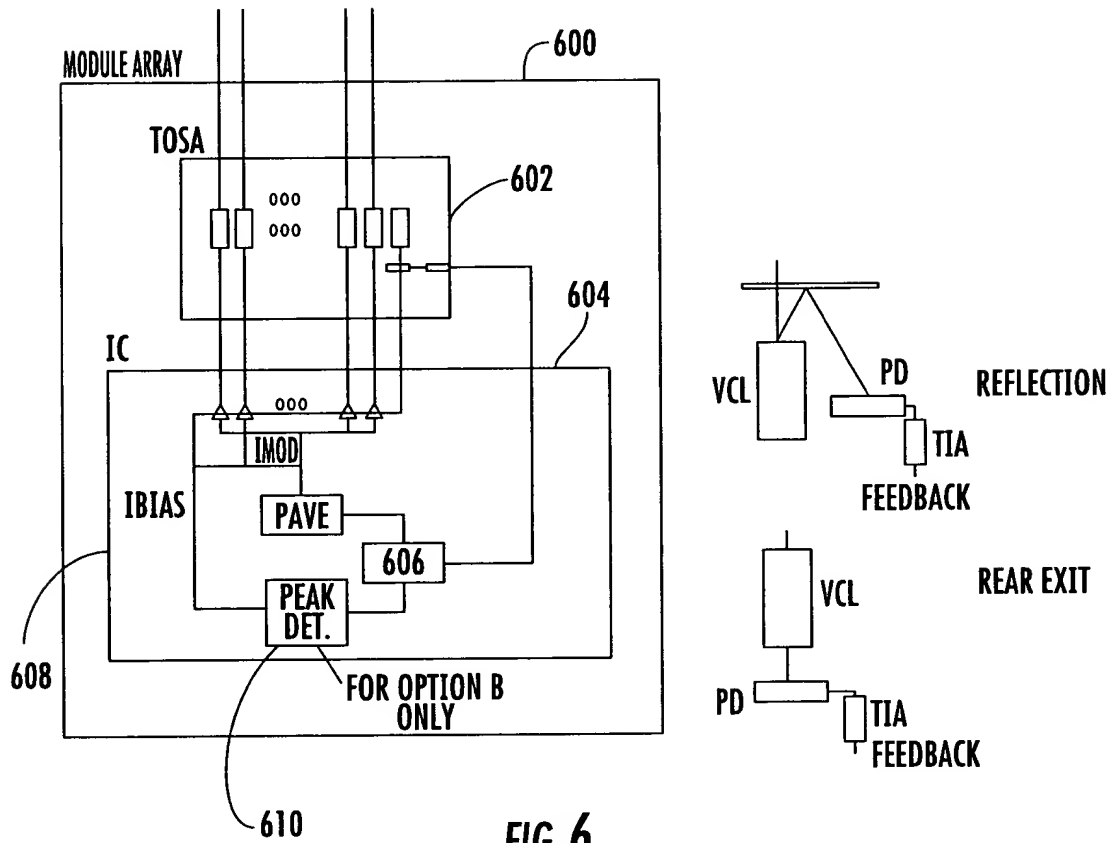


FIG. 5

OPTION2 a & b: USE OF DATA LASER FOR FEEDBACK



GENERAL
CASE



FIG. 7A

HIGH BW, LOW
CAPACITANCE
PHOTODIODE

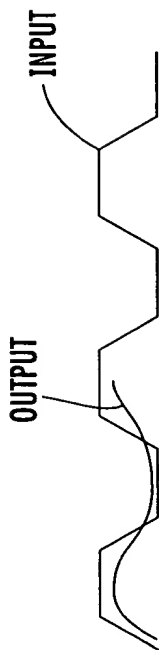


FIG. 7B

LOW BW, HIGH
CAPACITANCE
PHOTODIODE



FIG. 7C

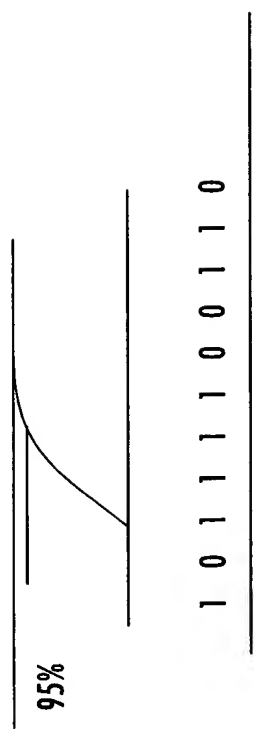


FIG. 8



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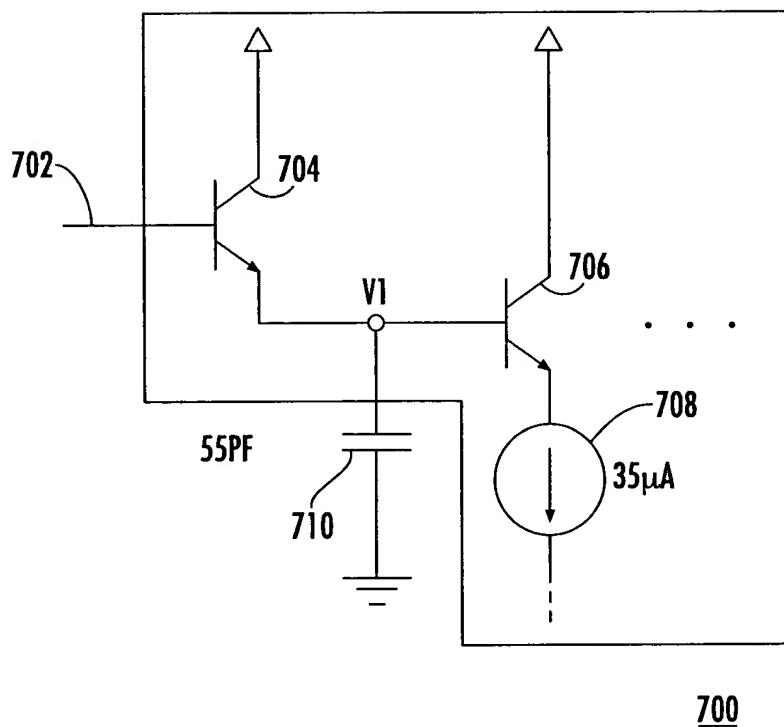


FIG. 9

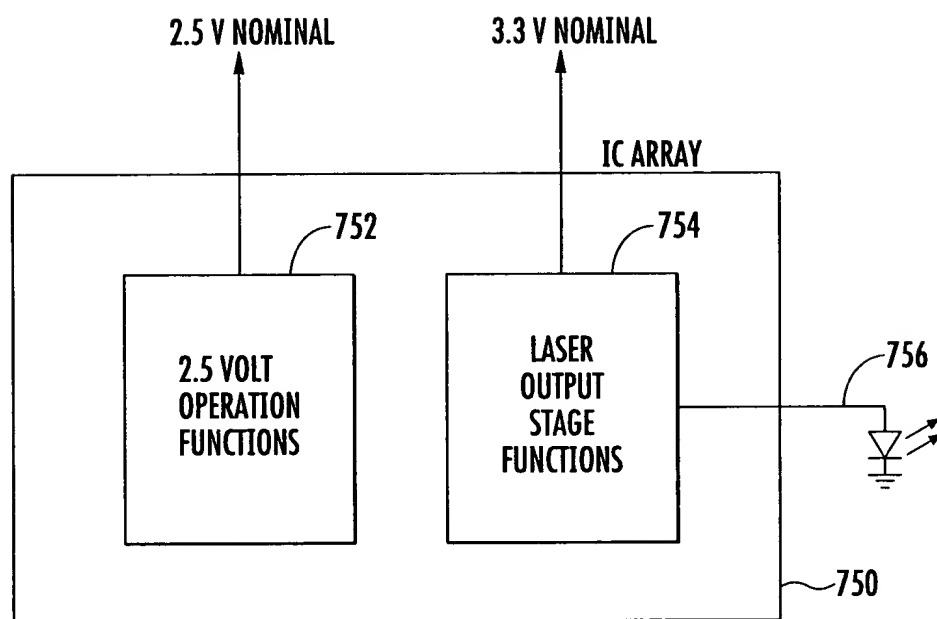


FIG. 10



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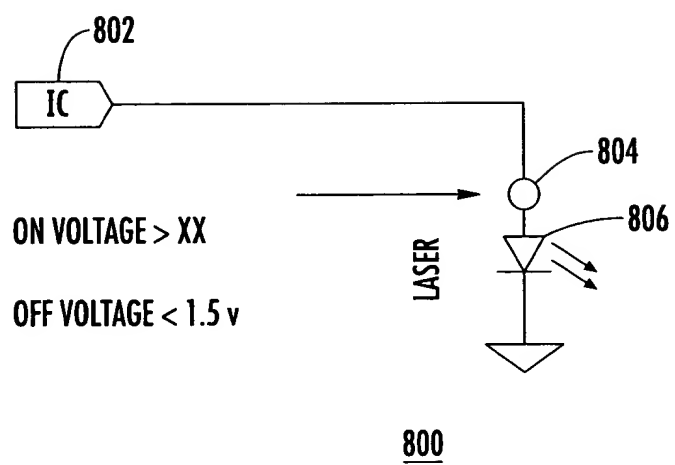
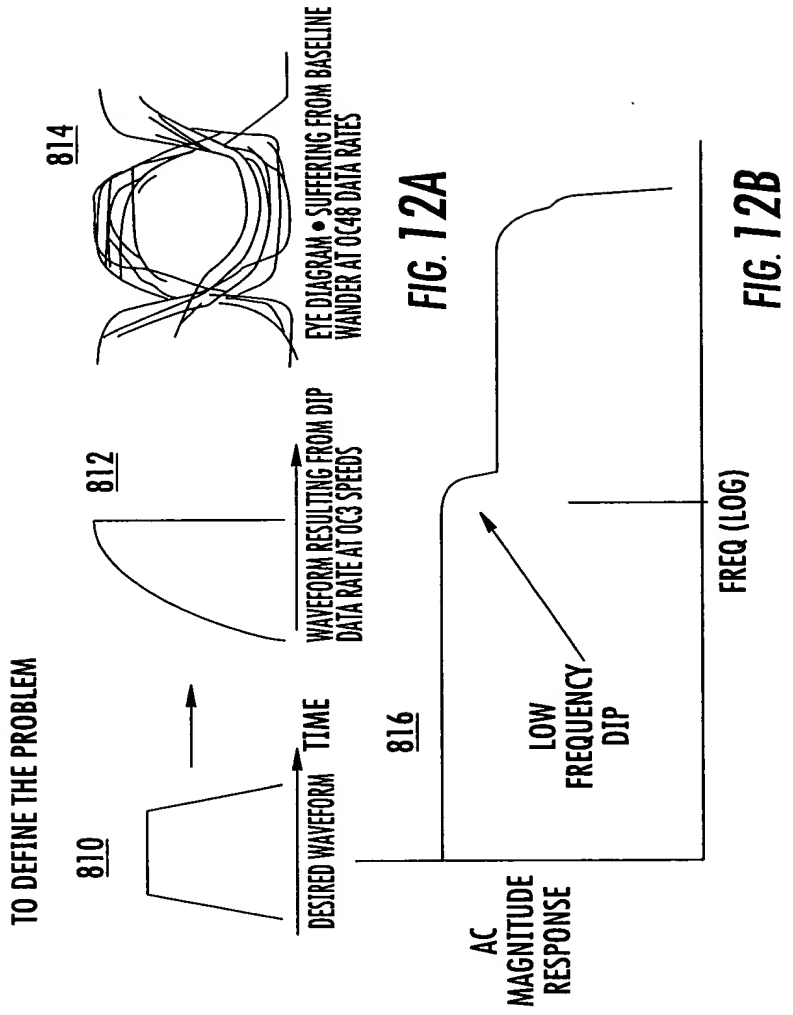


FIG. 11



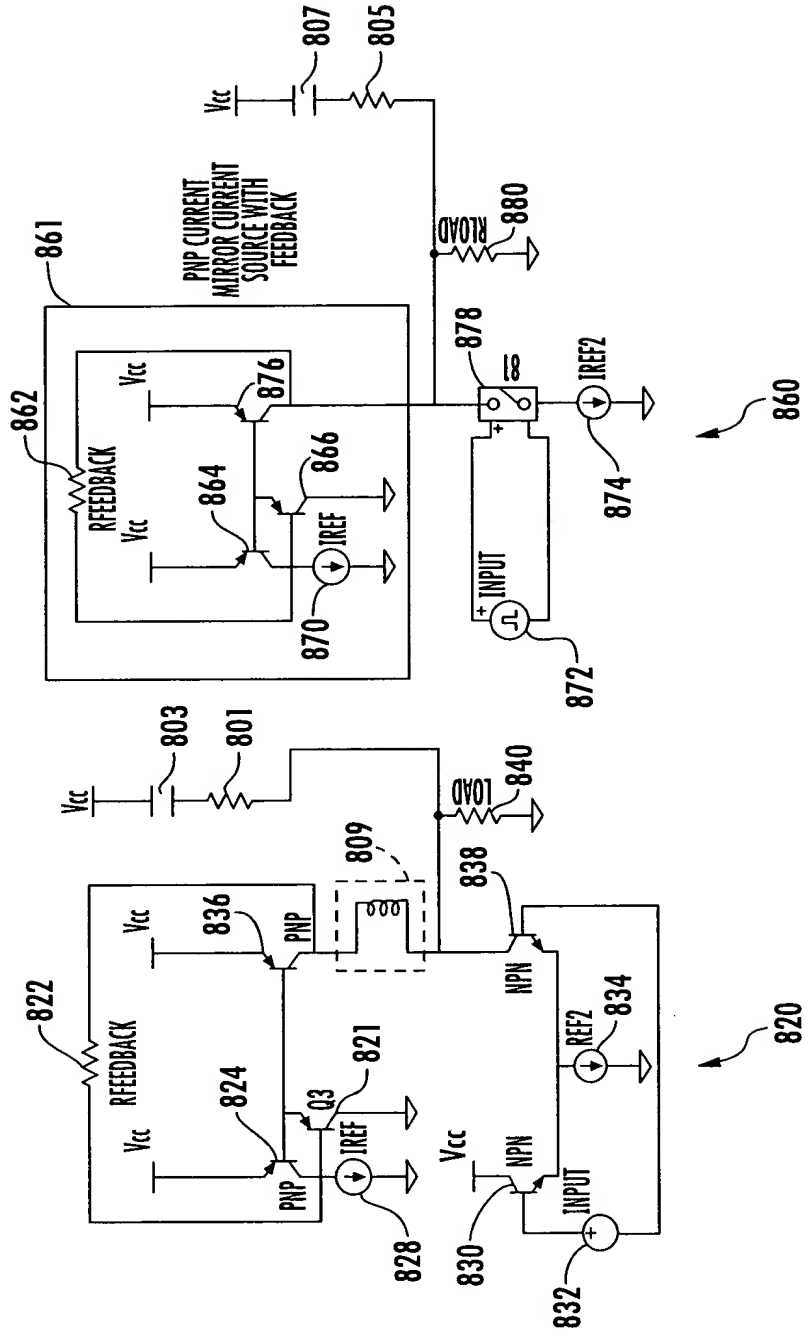


FIG. 13B

FIG. 13A